

Abstract

This invention relates to an HDD suspension and a process for its manufacture with high productivity and reliability. The HDD suspension of this invention is manufactured from a laminate composed of a stainless steel substrate, an insulating resin layer and a metal foil by wet-etching the laminate by the use of a basic fluid. The insulating layer of the laminate is composed of plural layers of polyimide, every constituent layer exhibits a mean etching rate of 0.5 $\mu\text{m/min}$ or more by a 50 wt% aqueous solution of KOH at 80 °C, the layers in contact with the stainless steel substrate and the metal foil are those of polyimide (B) exhibiting a glass transition temperature of 300 °C or less and the adhesive strength between the layer of polyimide (B) and either the stainless steel substrate or the metal foil is 0.5 kN/m or more.

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